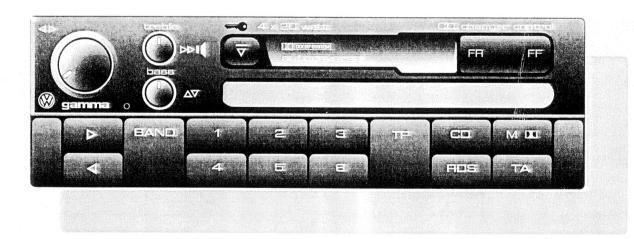


For repair instructions of the cassette deck see Service Manual SCA 4.4 (4822 725 23509)

SERVECE VIBILIE



Published by Consumer Electronics Printed in The Netherlands © Copyright reserved Subject to modification

4822 725 23513





CONTENTS

2	Technical datas
3	Controls
4	Security code, Connectorblock
5	Wire diagram
6	Testmode
7	Checks
8	Adjustments
9	Pin allocations
10	Front PWB's
11	Circuit 1: LCD, Switches, Illumination, Potentiometer, μC Supply
12	Main PWB
13	Circuit 2: FM Modul, AM Part, PLL Synthesizer
14	Circuit 3: Stereo decoder
15	Circuit 4: Preamplifier / Dolby / MSS
16	Circuit 5: μC, RDS / Noise / Multipath
17	Circuit 6: Audio control, AF Power stage
18	Circuit 7: Power supply
19	Circuit 8: Connectorblock, Bus module, Gala, Subwoofer control
20	Exploded view
21	Mechanical partslist
22-26	Electrical partslist
	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

Technical Datas

General

Power supply:

14.4 V

Currents:

2 mA (set switched off)

ca. 2,9 A (4x5 W Cassette mode) ca. 2,8 A (4x5 W Radio mode)

Radio

FM frequency range AM frequency range 87,5 - 108 MHz 153 - 1602 KHz

FM search grid

50 KHz (100 KHz displayed)

(100 KHz RDS mode)

AM search grid

9 KHz

Presets

6 FM 6 TP

6 AS

FM search tuning

6 AM 2 levels (LO/DX)

IF

10,7 MHz

Cassette

Number of tracks

Tape speed Wow + flutter 4,76 cm/sec 0,35 %

Crosstalk

28 dB

Amplifier

Output

 $4 \times 18 W$ at 4Ω load

Channel separation max.

34 dB (1 KHz)

CONTROLS

1. On/Off, Volume, Search on/off + volume. turn: start search tuning on LOC level, scan all stations and play them for 5 sec. push: Automatic switching to DX level after run through of LOC level. start search tuning on DX level, scan all stations and play them for 5 sec. push-push: - while scan- search tuning: stop at the last received station. push hold: manual search tuning, after releasing the button the next receivable station will be reproduced. - while ignition off and volume knob in on position: switch on set for 1 hour push: - while cassette mode: reverse direction push: 2. Treble sink and release the button push: adjust treble turn: adjust GALA volume pull-turn: 3. Bass sink and release the button push: adjust bass turn: adjust fader pull-turn: Eject start/stop cassette playback push: cassette eject hold 1 sec: 5. FF (FR) - while cassette mode: wind/stop wind fast forward (backward) push: - while CDC mode: playback fast forward (backward), cue (review) hold: 6. Tune next (Tune previous) start search tuning up (down) to next receivable station.
Automatic switch to DX level if no LOC level station can be found start search tuning in DX level up (down) to next receivable station push: push-push: start manual search tuning up (down) after 1 sec until button is released hold: while RDS mode: scroll stations of learn memory (AS/TP/FM)
 while cassette mode: start MSS forward (backward) push: push: - while CDC mode: next (previous) track of current CD push: 7. Band scroll wavebands - FM - AS - AM - FM ... push: search best FM-stations for learn memory (AS/TP/FM) hold 2 sec: 8. Presets select stored stations of the preselected band push: hold 2 sec: store actual station - while CDC mode: select concerned CD push: select band where only RDS stations with TP- and EON-TP-information can be reciived and 9. TP push: stored under presets. while TP band and no TP station selected: Switch to TP station if traffic announcement comes. - while AM, FM or AS band and no TP station selected: start TP search 10. CD switch between radio- (or cassette-) and CDC mode push: 11. RDS RDS on/off (default on). AF, PI, PS, TP, TA, EON, PTY, MS (music/speech) features on/off. push: 12. S. Dolby Stereo on/off push: while cassette mode: DOLBY (NR) ON/OFF push: - while CDC mode: Shuffle play of actual CD push:

PCS 70 968

13. TA

push:

push:

hold 1 sec:

- while cassette or CDC mode: interrupt reproduction of cassette or CD during TA

mute and start TP search if necessary, switch from AM to FM-TP,

only traffic announcements audible in mono with TA-loudness.

store actual volume as TA volume

SECURITY CODE HANDLING

Action

Displayed character

Activation

Press 'TA' and 'TP' >3 sec.

CODE (for 3 sec.), -> 1000

Push presets '1...4'

digits of code number changes

Press 'TA' and 'TP' >3 sec.

SAFE

DEACTIVATION OF THEFT PROTECTION IS NOT POSSIBLE !!!

Code entering after power interruption

Press 'TA' and 'TP' >3 sec.

SAFE

1000

Push presets '1...4'

digits of code number changes

Press 'TA' and 'TP' >3 sec.

SAFE

Wrong code

Enter wrong code number

SAFE 1 (flashing for first 3 sec.)

Press 'TA' and 'TP' >3 sec.

Enter code.

Enter wrong code number twice

SAFE 2 (flashing for first 3 sec.)

Wait 1 hour (do not switch off!)

SAFE

Enter code.

Unknown code (lost code-card)

Contact your local VW-organisation to get the right code for your set.

! NOTE

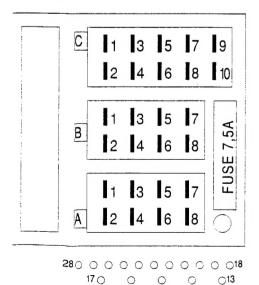
If you have any problems with activation of security code or others which belongs to the code, send the set to:

Philips Apparatefabrik Wetzlar Department SP-CS Philipsstrasse 1

D - 6330 Wetzlar

GERMANY

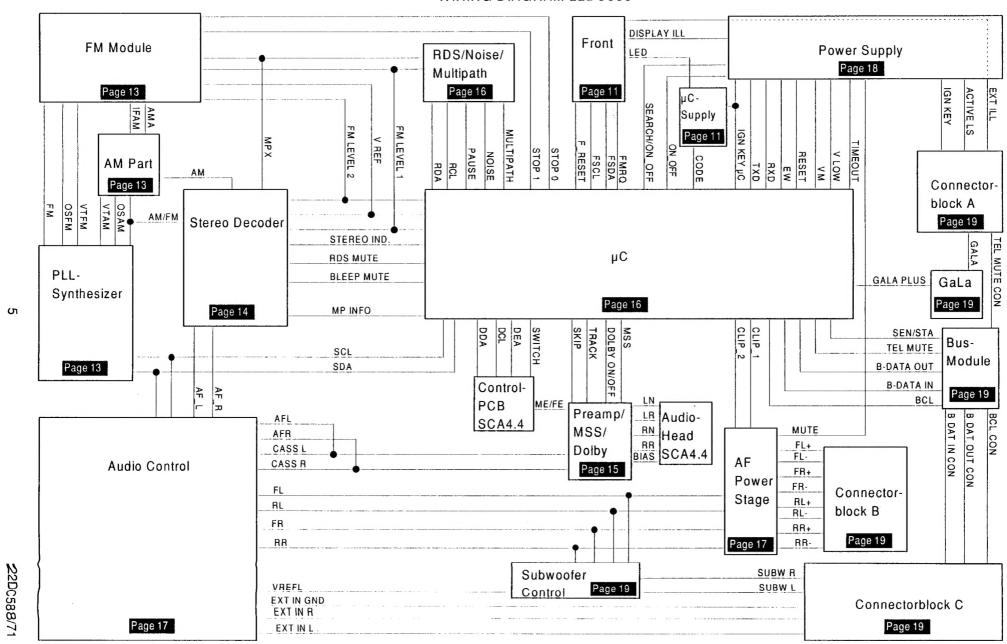
CONNECTORBLOCK 22DC588



C1: DATA IN	> 27	C6: SWITCHED + (CDC) C7: EXT.IN R C8: SUBW.R C9: SUBW.L C10: EXT.IN L	>5
C2: CLOCK	> 26		> 10
C3: EXT.IN GND	> 25		> 9
C4: DATA OUT	> 17		> 8
C5: GND	> 6		> 7
B1: RR+	> 19	B5: FL+	> 22
B2: RR-	> 24	B6: FL-	> 21
B3: FR+	> 23	B7: RL+	> 20
B4: FR-	> 14	B8: RL-	> 13
A1: GALA	> 16	A5: SWITCHED + (AERIAL)	> 4
A2: TEL.MUTE	> 15	A6: EXT.ILL.	> 2
A3: SWITCHED + (LS)	> 28	A7: PERM.+	> 1
A4: IGN.KEY	> 3	A8: GND	> 18

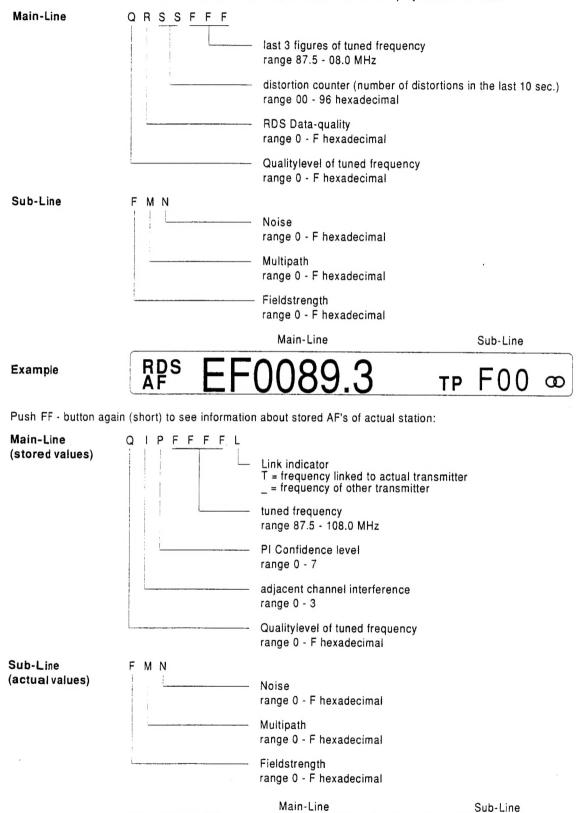
12 5 6 0 0 0 0 0 0 0 0

WIRING DIAGRAM 22DC588



TESTMODE

Press the FF - button more than 5 seconds to activate the testmode. The display shows two lines:



Push FF- button again to switch back to testmode 1.

Switch set off or press FF - button more than 5 seconds to leave the testmode.

 ∞

Example

Checks 22DC588

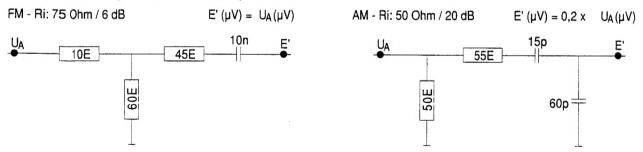
			Oncors	,	,	
Check	Band	Ø	•••			0 0
Varicap- voltage	AM FM			153 KHz 1602 KHz 87,5 MHz 108 MHz	IC 7251 PIN 15 FM 1008 PIN 15	> 1,5 V < 6,0 V > 1,0 V < 6,0 V
Demodulated AM - level	АМ	1053 KHz, 1 mV 1 KHz, 30% AM	Ŷ		IC 7201 PIN 12	350 +/- 100 mV
Demodulated FM - level .	FM	93,0 MHz, 1 mV \triangle f = 22,5 KHz f mod = 1 KHz 93,0 MHz, 1 mV \triangle f = 6,75 KHz f mod = 19 KHz 93,0 MHz, 1 mV \triangle f = 3,75 KHz	Ŷ		FM 1008 PIN 2	160 mV 45 mV 20 mV
FM mute S/N	FM	f mod = 57 KHz 93,0 MHz, 1 mV \triangle f = 22,5 KHz f mod = 1 KHz 93,0 MHz, 1 mV \triangle f = 22,5 KHz without modulation	Ψ		Connectorblock Section B PIN 3 + PIN 5	600 · 800 mV => Referencelevel (dB) Referencelevel · 24 dB
Tel. mute	FM	93,0 MHz, 1 mV △ f = 22,5 KHz f mod = 1 KHz	Ŷ		Connectorblock Section B PIN 3 + PIN 5	600 · 8 · 00 mV => Referencelevel (dB)
		Connectorblock Secti	on A: connect	PIN 2 to GND		Referencelevel - 40 dB
Wide band AGC switch	AM	1053 KHz, 10 mV without modulation 1053 KHz, 2,0 V without modulation	Ŷ		IC 7201 PIN 1	V1 ~ 6,5 Y V2 ~ 7,0 V (V2 - V1 > (5 V)
FM - search - sensitivity	FM	94,1 MHz, 8 μ V \triangle f = 22,5 KHz f mod = 1 KHz 94,1 MHz, 80 μ V \triangle f = 22,5 KHz f mod = 1 KHz	Ŷ	DX - Searc		t start/sto _≬ < 20 sec.
AM - search- sensitivity	AM AM	1053 KHz, 20 μV without modulation 1053 KHz, 200 μV without modulation	Ŷ	DX - Searc		t start/sto; ∠ 15 sec.

Adjustments 22DC588

Adjustment	Band	Ø			\rightarrow	0
∞ - 3 dB	FM	94,1 MHz, 1 mV Δ f = 22,5 KHz f mod = 1 KHz 94,1 MHz, 5 μV Δ f = 22,5 KHz f mod = 1 KHz	Ŷ	R 3105	Connectorblock Section B PIN 3 + PIN 5 Connectorblock Section B PIN 3 + PIN 5	600 - 800 mV => Referencelevel (dB) Referencelevel - 3 dB
SDS Channel - separation	FM	94,1 MHz, 63 μV Δ f = 22,5 KHz f mod = 1 KHz (right channel only) Stereo-Pilot 10%	Ŷ	R 3630	Connectorblock Section B PIN 3 <-> PIN 5	5 dB (+/- 1 dB)
Channel - separation maximum	FM	94,1 MHz, 4 mV △ f = 22,5 KHz f mod = 1 KHz (right channel only) Stereo-Pilot 10%	Ŷ	R 3608	Connectorblock Section B PIN 3 <-> PIN 5	> 34 dB
Noise - detector	FM	94,1 MHz, 1 mV △ f = 75 KHz f mod = 40 KHz	Ŷ	R 3426	Testmode (push FF more than 5 sec.)	third figure of subline=3
Dolby level	СС	SBC 419 200 nWb / m 400 Hz	normal + reverse	R 3514 (right) R 3504 (left)	IC 7535 PIN 3 (right) PIN 14 (left)	450 mV

Do not adjust coils 5210 and 5228 (AM-PART), because they are correctly preadjusted by supplier!

For all checks and alignments use VW Dummy-aerials:

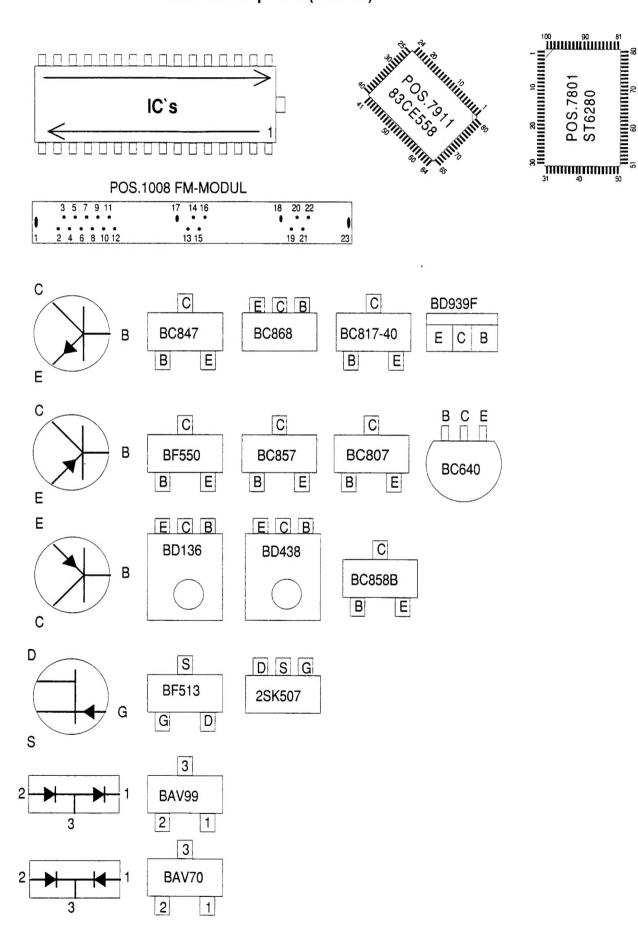


! NOTE

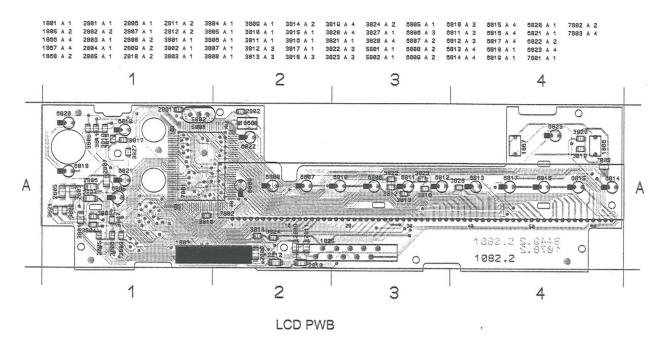
FM- and AM- search sensitivities are only adjustable with a special equipment via software. If you get sets with search sensitivities out of specification, send them to factory-service in Wetzlar until further notice.

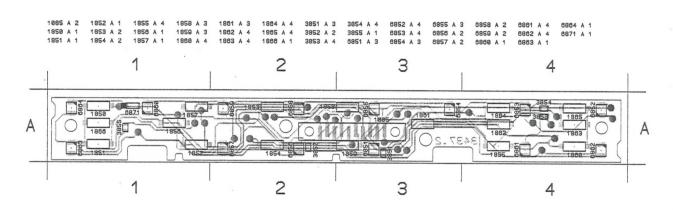
Philips Apparatefabrik Wetzlar Department SP-CS Philipsstrasse 1 D - 35576 Wetzlar GERMANY

PIN - ALLOCATIONS Views from chip side (bottom)



FRONT PWB'S

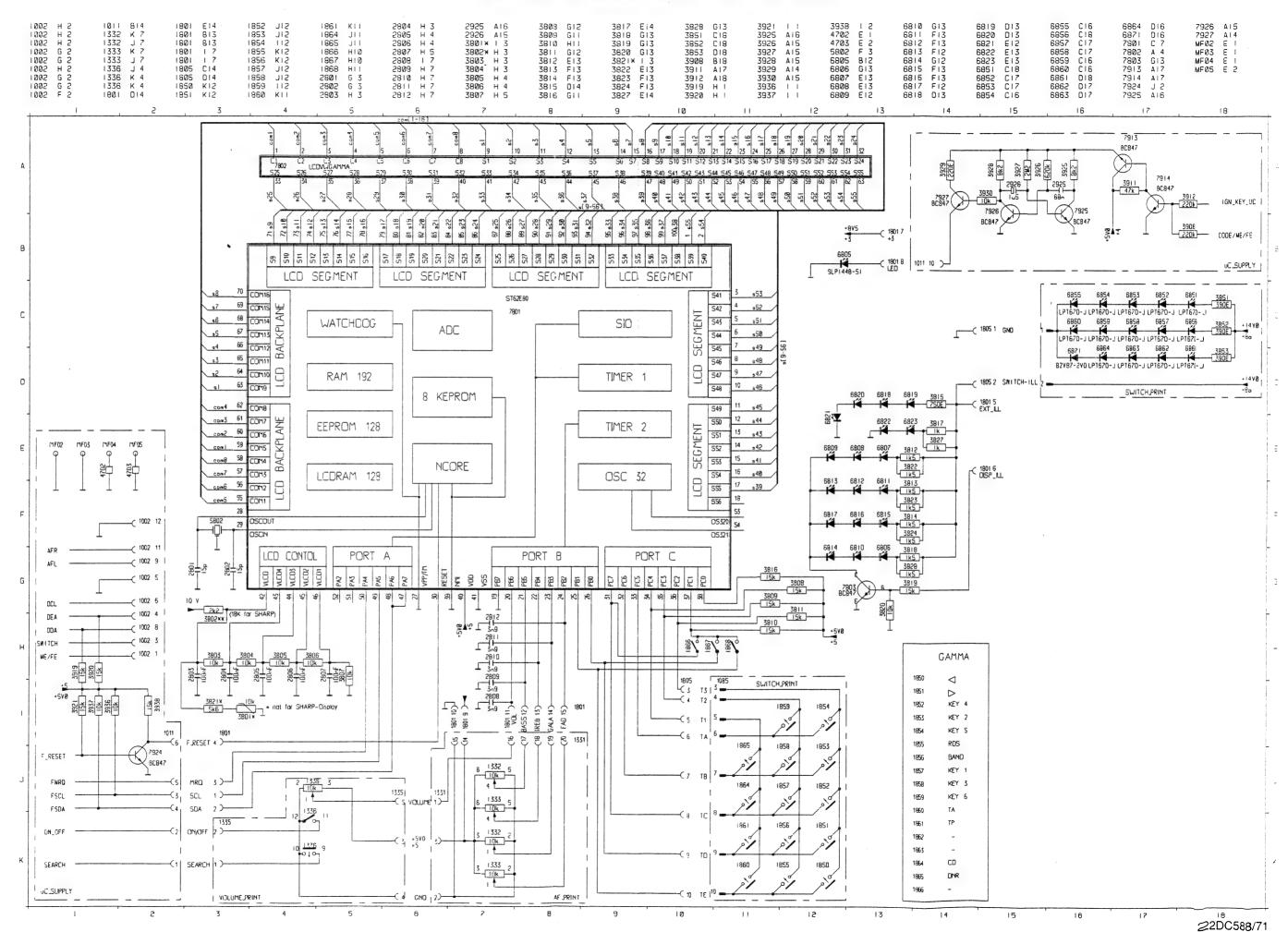


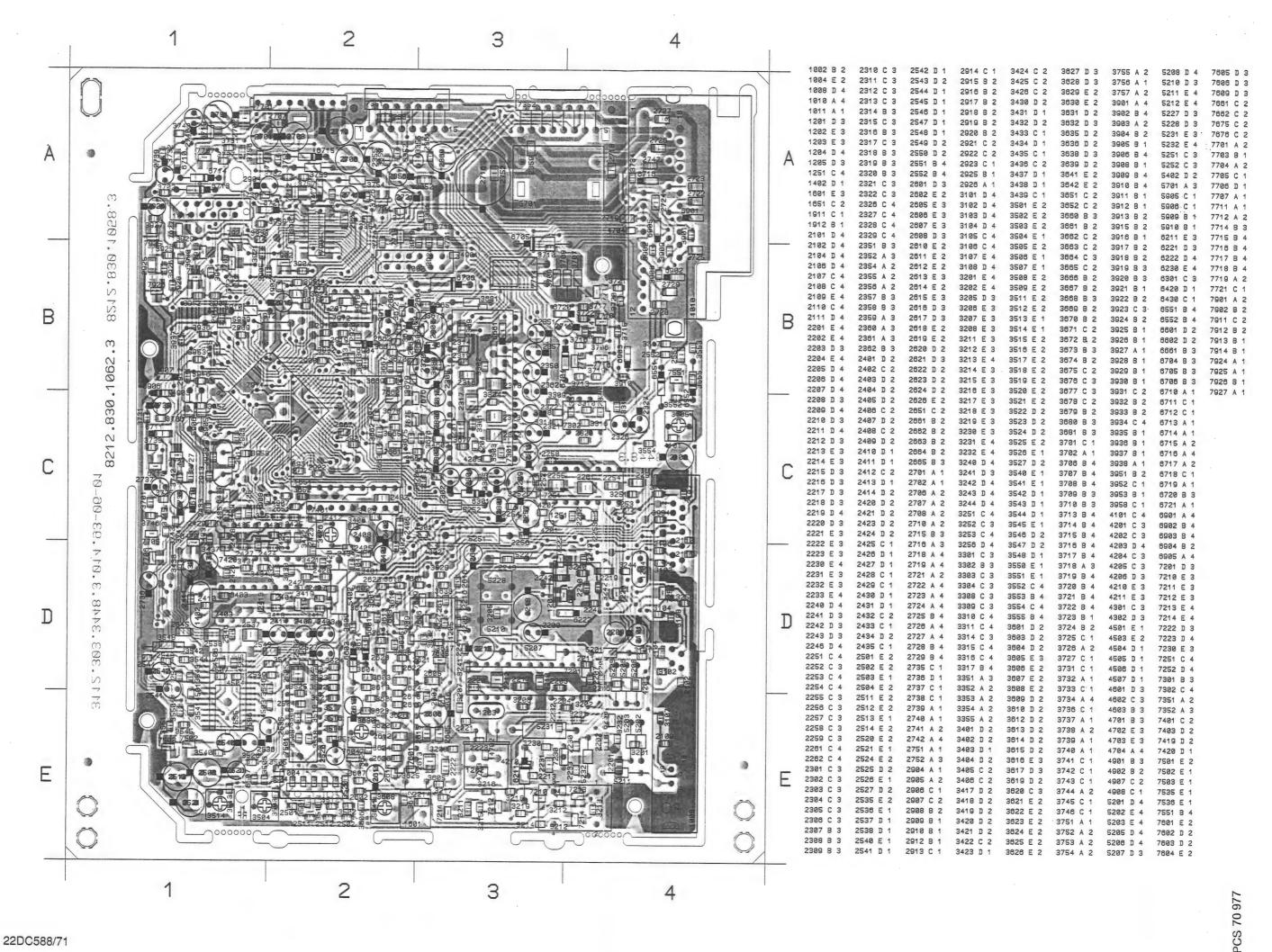


SWITCH PWB

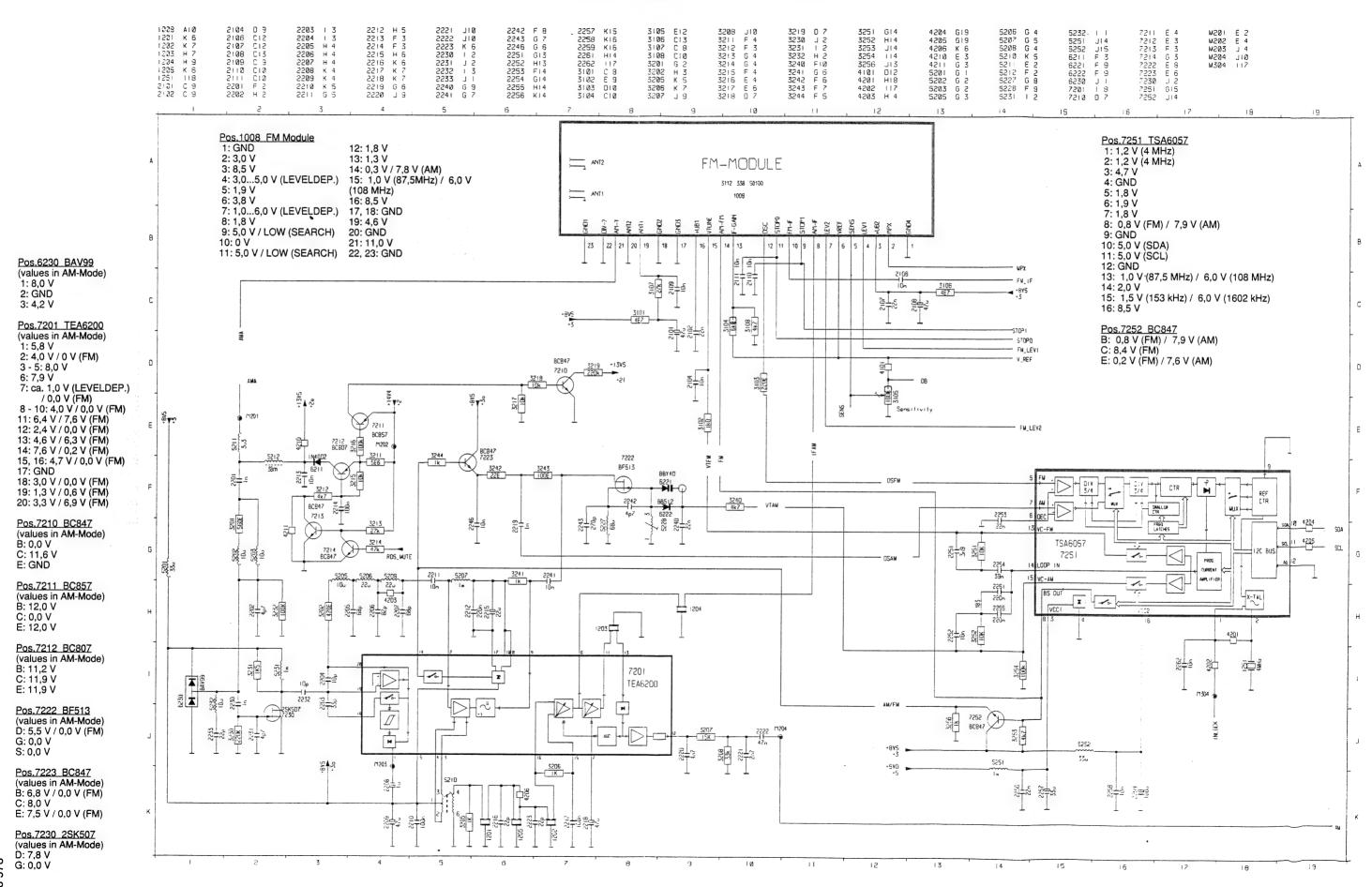
Pos.7801 ST62E80 1 - 17: 3,8 V (LCD-DATA) 18: NC 19: GND 20: 0,05,0 V (VOLDEP.)	Pos. 7803 BC847 B: 0,6 V / 0,8 V (EXT.ILL.) C: 0,0 V / 0,6 V (EXT.ILL.) E: GND	Pos.7913 BC847 B: 0,0 V / 5,0 V (IGN.OFF) C: 5,0 V E: 0,0 V / 4,3 V (IGN.OFF)
21: 0,05,0 V (BASSDEP.) 22: 0,05,0 V (TREBDEP.) 23: 0,05,0 V (GALADEP.) 24: 0,05,0 V (FADDEP.) 25; 26: 0,0 V (KEYMATRIX)		Pos.7914 BC847 B: 0,6 V / 0,0 V (IGN. OFF) C: 0,0 V / 5,0 V (IGN. OFF) E: GND
27: GND 28: 2,3 V (OSZ) 29: 1,8 V (OSZ) 30: 5,0 V (F-RESET) 31 - 33: 0,0 V (KEYMATRIX)		Pos. 7924 BC847 B: 5,0 V C: 5,0 V E: GND
34 - 36: 5,0 V (KEYMATRIX) 37, 38: 5,0 V 39: GND 40: 5,0 V 41: GND		Pos.7925 BC847 B: 0,0 V / BLINKLED (IGN.OFF) C: 0,0 V / BLINKLED (IGN.OFF) E: GND
42: 10,0 V (8,5 V SHARPDISPL.) 43: 6,0 V 44: 4,5 V 45: 3,0 V 46: 1,5 V		Pos.7926 BC847 B: 0,0 V / BLINKLED (IGN.OFF) C: 0,0 V / BLINKLED (IGN.OFF) E: GND
47, 48: 5,0 V (SDA) 49: 5,0 V (SCL) 50: 5,0 V (MRQ) 51 - 54: NC 55 - 100: 3,8 V (LCD-DATA)		Pos.7927 BC847 B: 0,0 V / BLINKLED (IGN.OFF) C: 0,0 V / 4,3 V (IGN.OFF) E: 0,0 V / V_BLINKLED (IGN.OFF)

LCD / SWITCHES / ILLUMINATION / AF / VOL. / uC SUPPLY



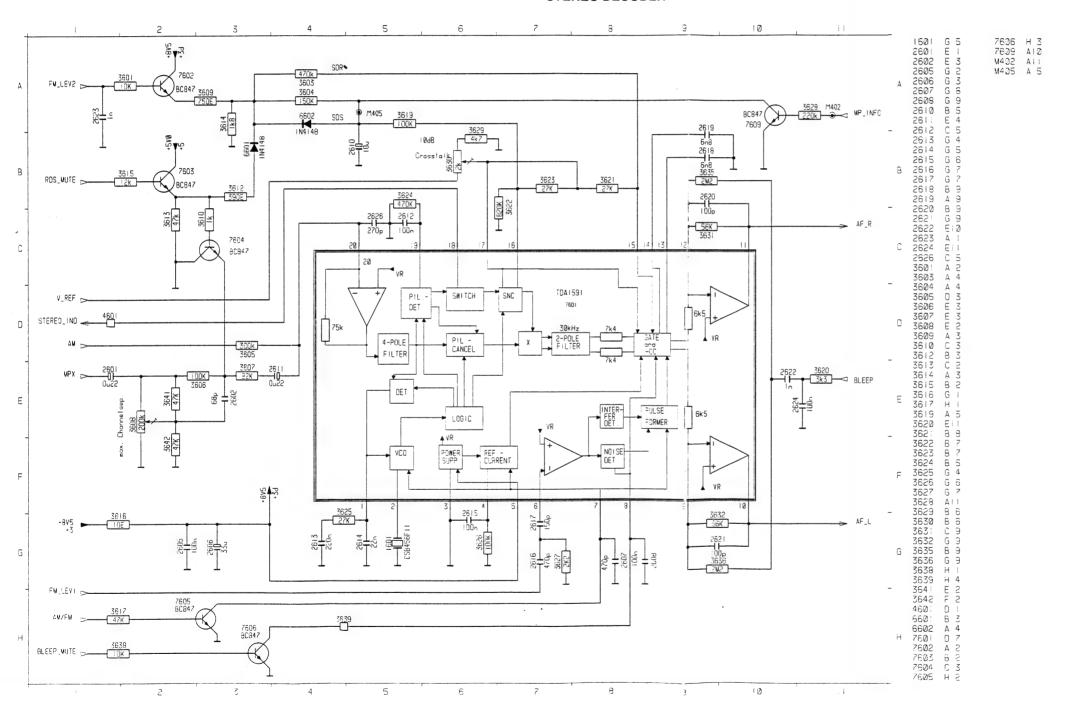


FM MODUL / AM PART / PLL SYNTHESIZER



PCS 70 978

STEREO DECODER



Pos.7601 TDA1591
1: 4,6 V
2: 4,3 V
3: GND
4: 3,0 V
5: 8,5 V
6: 2,2 V
7: 2,2 V / 0,0 V (AM)
8: 6,2 V
9 - 14: 3,8 V
15 - 17: 3,0 V
18: 5,0 V / 0,0 V (MONO)
19, 20: 3,0 V

Pos.7602 BC847 B: 1,0...6,0 V (LEVELDEP.) C: 8,5 V E: 0,0...5,0 V (LEVELDEP.)

Pos.7603 BC847 B: 0,0 V C: 5,0 V E: 0,0 V

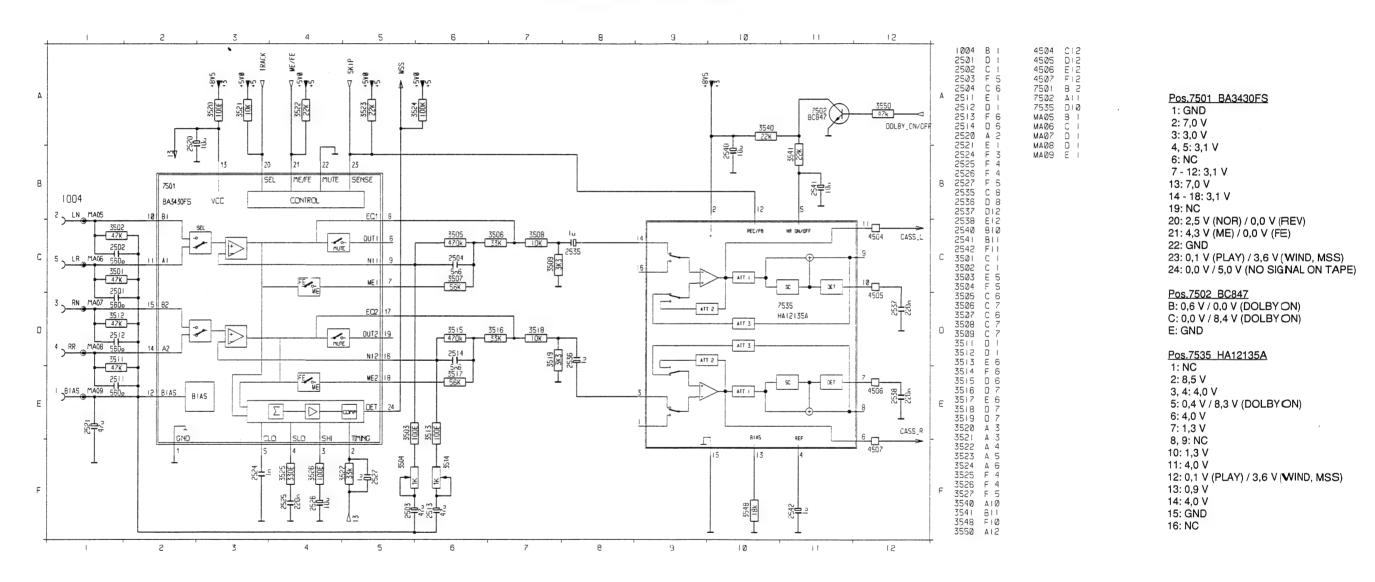
Pos.7604 BC847 B: 0,0 V C: GND E: 0,0 V

Pos.7605 BC847 B: 0,2 V / 0,6 V (AM) C: 2,2 V / 0,0 V (AM) E: GND

Pos.7606 BC847 B: 0,0 V / 0,6 V (MUTE) C: 6,2 V / 0,0 V (MUTE) E: GND

Pos.7609 BC847 B: 0,0 V C: 3,2 V E: GND

PREAMPLIFIER / DOLBY / MSS



7403 J 3
7419 B 1
7420 B 3
7420 B 5
7420 D 6
7911 F10
7912 F 1
M801 A11
MC26 113
MC27 113
MC28 113
MC29 113
MC30 113
MC30 113
MC30 113
MC35 111
MC35 111
MC35 111
MC35 111
MC35 111
MC36 111
MC37 110
MC38 110
MC40 J 9
MC41 J 9
MC42 J 8
MC43 E 1
MC44 G 7

Pos.7911 83CE558 AUDIO CONTROL / AF POWER STAGE 1: GND 2: 5,0 V 3: GND 4: 5.0 V 5: 4,0 V 6: 4,9 V Pos.7351 + 7352 TDA7374 7: 5,3 V ACCS ACC / 0,1 V (ON WITH IGN.OFF) 1, 2: 6,0 V 3: 12,0 V 8: 4,5 V / 0,6 V (PHONE) 4 - 6: 0,6 V 9: 3,9 V OPAI 10: 1,0...6,0 V (LEVELDEP.) 7: 3,7 V 8, 9: GND 11: 3,0...5,0 V (LEVELDEP.) 12: 0,0 V 10: 5,0 V 13: GND 11, 12: 0,6 V 14: 5,0 V 13: 12,0 V 14, 15: 6,0 V 15: GND 16 - 19: 5,0 V OPA2 IN 20: 5,0 V / 0,0 V (MONO RECEIPTION) 21, 22: 5,0 V 23: NC 24: 0,6 V / 5,0 V (OFF) 25: 5,0 V / LOW (SEARCH) 26: 5.0 V DUTS 27: 4,4 V OPA3 28: 5,0 V 29: GND ₩<u>₹</u> 3303 22k 30: 0,0 V 31, 32: 5,0 V TDA7374 33: 0,0 V 7351 34, 35: 5,0 V 36: 5,0 V / LOW (SEARCH) OPA4 IN 37: 0,0 V / HIGH (SEARCH) 38: 0,0 V SCL 3353 CL IP_I/POT 39: 5,0 V (SCL) TDA7313 7301 40: 5,0 V (SDA) 41: 5.0 V CASS_L 42: 0,0 V 43: 2,4 V PMGND 44: 0,0 V / 5,0 V (CASS.STANDBY) SPK ATT 12C BUS BALANCE INTERF SC VOLUME POMER SUPPLY TREBLE Dk -45: 5,0 V LUTIO 46: 0,0 V 47: 5,0 V EXT IN GNO 48: ca. 2,0 V 4302 49, 50: NC 51: 2,6 V (11 MHz) ACCS ACC CASS_R 52: 2,0 V (11 MHz) 53: 5,0 V OPAI 54: 0,0 V 55, 56: 5,0 V 57: 4,3 V / 0,0 V (DOLBY ON) 58: NC 59: 0,0 V /5,0 V (NO TAPE-SIGNAL) Pos.7301 TDA7313 60: 0,1 V / 3,6 V (WIND, MSS) 1: 3,8 V 61: 5,0 V 2: 7,6 V / 0,0 V (PUSH SEARCH KNOB) 3: GND 62: 0,5 V / 5,0 V (OFF) 4 - 25: 3,8 V 63: 5,0 V 26: GND 64: 0,0 V 27: 5,0 V (SDA) 65, 66: 5,0 V 28: 5,0 V (SCL) 67: GND 68: 0,0 V OPA3 69: 5,0 V / 3,8 V (ON WITH IGN. OFF) 70: 5,0 V (SDA) 71: 5,0 V (SCL) TDA7374 72: 2,5 V (NOR) / 0,0 V (REV) 7352 73, 74: 5,2 V 75, 76: 5.0 V 77: GND DPA4 IN 78, 79: NC 80: 5,0 V CLIPDET Pos. 7912 ST24C16 1 - 4: GND 2361 CLIP_2/58G_ANA 5: 4,8 V (SDA) 6: 4,8 V (SCL) 7: GND 10n 3355 +5¥0 3354 +5 S-GNO PMGND 8: 5,0 V 2360

12

Pos.6712_BAV70 1: 5,2 V / 0,0 V (ON WITH IGN.OFF) 2: 5,0 V / 2,7 V (ON WITH IGN.OFF) 3: 4,8 V / 2,3 V (ON WITH IGN.OFF)

Pos.6719 BAV70 1: 0,0 V 2: 0,0 V 3: 0,0 V

Pos.7701 TDA3602 1: 12,0 V 2: 8,5 V 3: 5.0 V 4: 0,8 V / 5,0 V (OFF) 5: 5,0 V 6: GND 7: 5,0 V 8: 12,0 V 9: 5,0 V

Pos.7703 BC857 B: 0,6 V / 0,1 V (ON WITH IGN.OFF) C: 0.0 V E: GND

Pos.7704 BC857 B: 0,0 V C: 5.0 V E: GND

Pos.7705 BC857 B: 1,2 V C: 0,5 V / 5,0 V (OFF) E: 0,5 V / 2,9 V (OFF)

Pos.7706 BC847 B: 0,0 V / 5,0 V (OFF) C: GND E: 0,5 V / 2,9 V (OFF)

Pos.7711 BC857 B: 12,0 V C: 0,0 V E: 12,0 V

Pos.7712 BC847 B: 0,0 V C: 12,0 V E: GND

Pos.7714 BD438 B: 12,0 V C: 12,0 V / 0,5 V (IGN.OFF) E: 12,0 V

Pos.7715 BC857 B: 12,0 V C: 8,6 V / 12,0 V IGN.OFF) E: 12,0 V

Pos.7716 BC857 B: 11,6 V / 12,0 V (OFF) C: 12,0 V / 0,0 V (OFF) E: 12,0 V

Pos.7717 BC847 B: 0,8 V C: 0,2 V / 12,0 V (OFF) E: GND

Pos.7718 BC847 C: 0,0 V / 12,0 V (OFF) E: GND

Pos.7719 BC847 B: 0,0 V / 0,6 V (OFF) C: 4,5 V E: GND

13

Pos.7721 BC857 B: 5,0 V / 4,4 V (PUSH SEARCH KNOB) C: 0,0 V / 5,0 V (PUSH SEARCH KNOB)

PCS 70 983

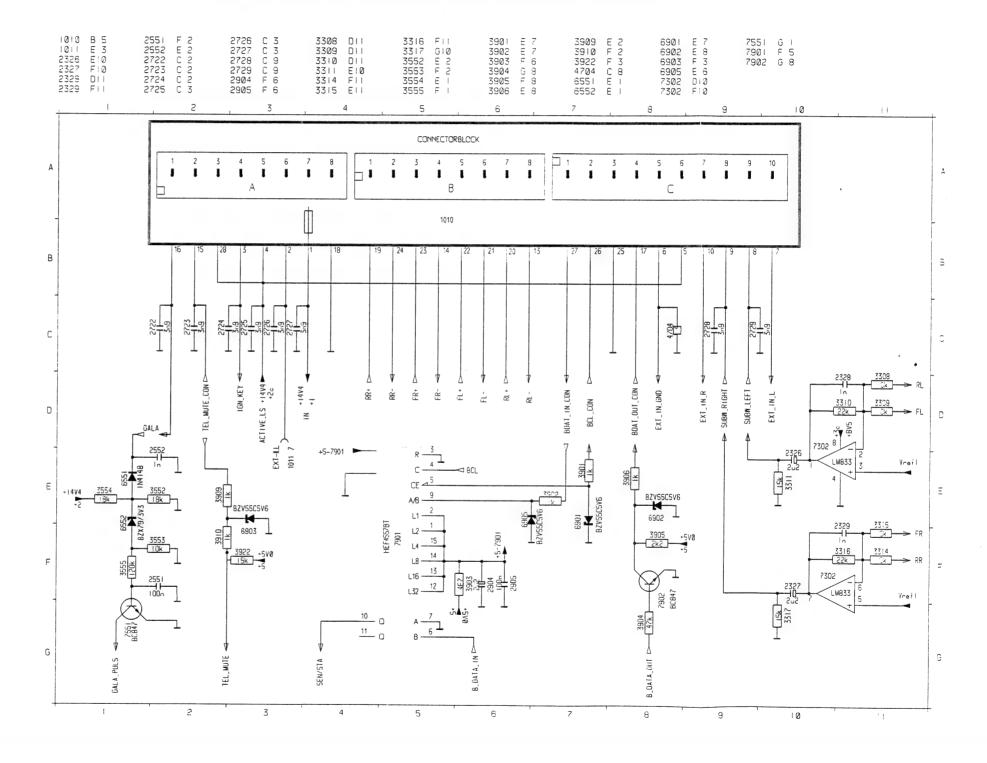
CONNECTORBLOCK / BUS MODUL / GALA / SUBWOOFER CONTROL

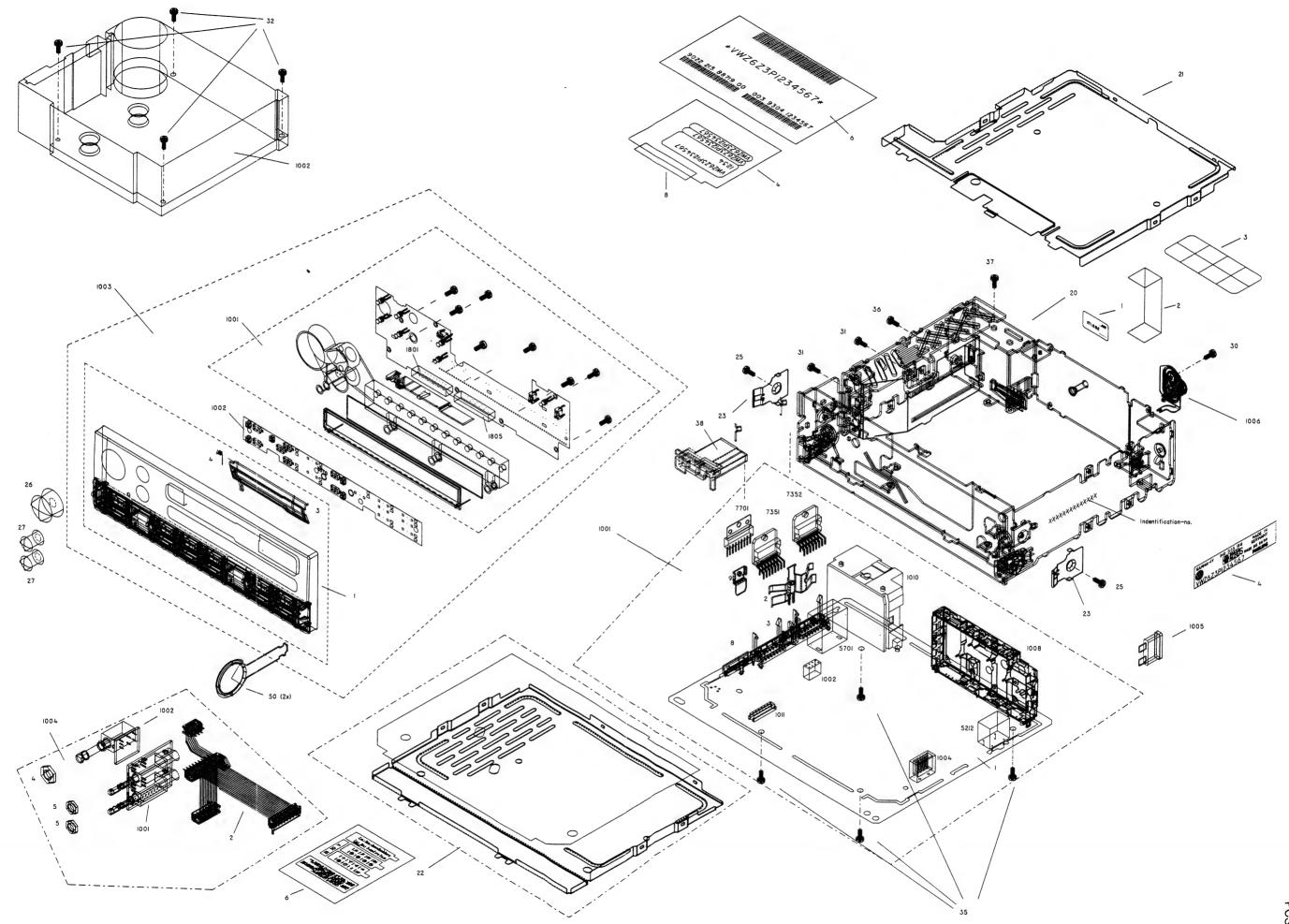
Pos.7551 BC847 B: 0,5 V C: 0,0 V E: GND

Pos.7901 HEF4557BT (measured without CD-Changer contacted) 1, 2: 5,0 V 3: GND 4: 5,0 V 5: 0,0 V 6: 5,0 V 7, 8: GND 9: 0,0 V 10: 5,0 V 11: NC 12 - 16: 5,0 V Pos.7902 BC847 B: 0,0 V C: 0,0 V

Pos.7302 LM833 1 - 3: 3,8 V 4: GND 5 - 7: 3,8 V 8: 7,6 V

E: GND





MECHANICAL PARTS

21 22 23 25 26	4822 423 4822 423 4822 492 4822 502 4822 413	3 41228 2 71352 2 11689	COVER GAMMA COVER BOTTOM ASSY SPRING CENTRE M 3 X 6CSK ZNBK KNOB VOLUME ASSY
27 30 33 36 37	4822 413 4822 502 4822 502 4822 502 4822 502	2 11715 2 11715 2 11715	KNOB TONE ASSY M 2,5X 5PAN ZNBK M 2,5X 5PAN ZNBK M 2,5X 5PAN ZNBK M 2,5X 5PAN ZNBK
1001-1004 1001-1008 1001-1010 1001-1011 1002	4822 267 4822 210 4822 290 4822 267 4822 701	10579 61187 51057	TCS83S9V1 BURNDY FM MODUL CONNECTOR BLOCK ASSY CONNECTOR 12P SCA4.4
1003-1 1003-1-3 1003-1-4 1003-1001 1003-1001-1801	4822 459 4822 443 4822 492 4822 214 4822 267	8 64036 2 42481 3 52127	ORNAMENTAL PLATE CASSETTE FLAP FLAP SPRING PWB LCD ASSY AMP0-215460-01
1003-1001-1805 1003-1002 1004-2 1004-1001 1004-1002	4822 265 4822 214 4822 321 4822 214 4822 214	52124 62208 52125	CONNECTOR 10P PWB SWITCH ASSY CABLE ASSY POTMETER PWB POTI ASSY TONE PWB POTI ASSY VOLUME
1005 1006	4822 071 4822 267		257010.(FUSE 10A) BUSH AERIAL ASSY

How to find Codenumbers:

This exploded view is illustrated in a multi-level form. To find the correct codenumber you have to combine the position number of the needed part with the position number of the assembly in which it is in.

Only the position numbers connected to a codenumber are available as spare part.

MISCE	ELLANEOUS			CAPA	CITORS			
1201	4822 242 72076	QUARZ 10,7 MH	7	2301	4822 124 23282	1UF	20%	50V
1202	4822 242 72076	QUARZ 10,7 MHZ	Z	2302	4822 124 23282	1UF	20%	50V
1203	4822 242 71883	SFE10,7MS318-E		2303	4822 124 23282	1UF	20%	50V
1204	4822 242 71883	SFE10,7MS318-D		2304	4822 124 23282	1UF	20%	50V
1251	4822 242 71874	QUARZ 4,0 MHZ		2305	4822 124 23282	1UF	20%	50 V
1402	4822 242 72195	QUARZ 4,332 MI		2306	4822 124 23282	1UF	20%	50V
1601	4822 242 81117	CSB456F11		2307	4822 124 80453	100UF		
1866	4822 276 20521	SWITCH FF		2309	4822 122 33496			10V
1867	4822 276 20521	SWITCH FR		2310			10% X7R	63V
1868	4822 276 20521	SWICH EJECT		2311	4822 124 23504	2.2UF	20%	50V
1000	TOLL 210 20021	SWICH LULOT			4822 122 33496		10% X7R	63V
CADA	CITORS			2312	4822 122 32916		10% X7R	63V
2101	4822 124 23256	47UF	101/	2313	4822 122 32542	47NF	10% X7R	63V
2102	5322 122 32654		16V	2314	4822 122 32627	2.7NF	10% X7R	50V
				2315	4822 124 23504	2.2UF	20%	50V
2104	4822 122 33177	10NF 20% X7R	50V	2316	4822 122 33496		10% X7R	63V
2106	4822 122 33177	10NF 20% X7R	50V	2317	4822 122 32916		10% X7R	63V
2107	5322 122 32654	22NF 10% X7R	63V	2318	4822 122 32542	47NF	10% X7R	63V
2108	4822 124 40177	47UF 20%	10V	2319	4822 122 32627	2.7NF	10% X7R	50V
2109	4822 122 33177	10NF 20% X7R		2320	4822 124 23582	220UF		10V
2110	4822 122 33177	10NF 20% X7R	50V	2326	4822 124 23504	2.2UF	20%	50V
2111	4822 122 33177	10NF 20% X7R	50V	2327	4822 124 23504	2.2UF	20%	50V
2201	5322 122 31647	1NF 10% X7R	63V	2328	4822 122 33178	1NF	20% X7R	50V
2202	4822 122 32082	4,7PF 5%	50V	2329	4822 122 33178	1NF	20% X7R	50V
2203	5322 122 32659	33PF 5%	50V	2351	4822 124 23504	2.2UF	20%	50V
2204	5322 122 32448	10PF 5%	50V	2352	4822 122 33496	100NF	10% X7R	63V
2205	4822 122 33216	270PF 5% NP0	50V	2354	4822 122 33496		10% X7R	63V
2206	4822 122 33216	270PF 5% NP0	50V	2355	4822 124 80724	47UF	20%	10V
2208	4822 124 23282	1UF 20%	50V	2356	4822 124 80725	1UF	20%	50V
2209	4822 124 23256	47UF	16V	2357	4822 124 23504	2.2UF	20%	50V
2210	4822 122 33496	100NF 10%X7R	63V	2358	4822 124 23504	2.2UF	20%	50V
2211	4822 122 33177	10NF 20% X7R	50V	2359	4822 122 33496		10% X7R	63V
2212	4822 122 32916	220NF 10% X7R	63V	2360	4822 124 80724	47UF	20%	10V
2213	4822 122 33177	10NF 20% X7R	50V	2361	4822 122 33177	10NF	20% X7R	50V
2214	4822 122 33496	100NF 10%X7R	63V	2362	4822 124 23504	2.2UF	20%	50V
2215	4822 124 23279	22UF 20%	16V	2401	4822 124 23504	2.2UF	20%	50V
2217	4822 122 33496	100NF 10%X7R	63V	2402	4822 124 23504	2.2UF	20%	50V
2218	4822 124 22646	47UF 20%	16V	2403	4822 124 41017	10UF	2070	16V
2219	4822 121 51354	1NF 10%	50V	2404	4822 122 33177	10NF	20% X7R	50V
2220	5322 126 10223	4,7NF 10%X7R	63V	2405	4822 122 33218		10% X7R	63V
2221	4822 122 32627	2.7NF 10% X7R	50V	2406			10%X/R	63V
2222	4822 122 32542	47NF 10% X7R	63V	2407			5% NP0	50V
2223	5322 122 32658	22PF 5%	50V	2408	4822 124 22646	47UF	20%	16V
2230	4822 122 33178	1NF 20% X7R		2409	4822 124 23504	2.2UF	20%	50V
2231	4822 122 32082	4,7PF 5%	50V	2410	5322 122 31946	2.20F 27PF	10%	
2232	5322 122 32448	10PF 5%	50V	2411	5322 122 31946	27PF		50V
2233	5322 122 32658	22PF 5%	50V	2412	4822 122 33496		10%	50V
2240	5322 122 32654	22NF 10% X7R	63V	2413	4822 122 33177		10% X7R	
2241	4822 122 33177	10NF 20% X7R	50V	2414	4822 124 23504	10NF	20% X7R	50V
2242	4822 122 32082	4,7PF 5%	50V	2420	5322 122 33538		20%	50V
2243	4822 122 33216	270PF 5% NP0	50V	2421			2% NP0	63V
2246	4822 122 33177		50V		5322 122 33538		2% NP0	63V
2251	4822 122 32566		63V	2423	5322 122 33538		2% NP0	63V
2252	4822 122 33177	10NF 20% X7R	50V	2424	5322 122 33538		2% NP0	63V
2253	5322 122 32654		63V	2425	5322 122 32448		5%	50V
2254	4822 122 33608		63V	2426	4822 122 33177		20% X7R	50V
2255	4822 122 32916			2427			10% X7R	50V
2256	5322 122 32654	22NF 10% X7R	63V	2428			10% X7R	63V
2257	4822 124 23281		63V	2429			20% X7R	50V
2258	4822 122 33177		16V	2430	4822 124 23401		20%	25V
2259	4822 124 23255	10NF 20% X7R 100UF	50V	2431		10UF	400/3/==	16V
2261	4822 124 23255	220NF 10% X7R	16V	2432			10% X7R	
01	TUEL 166 36310	220INF 10%X/K	US V	2433	5322 122 32654	22NF	10% X7R	63V

	CAPAC	CITORS			CAPA	CITORS		
	2434	4822 122 33178	1NF 20% X7R	50V	2727	4822 122 32566	3,9NF 10% X7R	63V
	2435	4822 122 33178	1NF 20% X7R	50V	2728	4822 122 32566	3,9NF 10% X7R	63V
	2501	4822 122 33173	560PF 10%X7R	50V	2729	4822 122 32566	3,9NF 10%X7R	63V
	2502	4822 122 33173	560PF 10%X7R	50V	2735	4822 124 23282	1UF 20%	50V
	2503	4822 124 40177	47UF 20%	10V	2736	4822 124 23504	2.2UF 20%	50V
	2503	4822 122 32646	5,6NF 10% X7R	50V	2737	4822 124 23504	2.2UF 20%	50V
			•					
	2511	4822 122 33173	560PF 10% X7R	50V	2738	4822 124 23401	4.7UF 20%	25V
	2512	4822 122 33173	560PF 10%X7R	50V	2739	4822 124 23401	4.7UF 20%	25V
	2513	4822 124 40177	47UF 20%	10V	2740	4822 124 23401	4.7UF 20%	25V
	2514	4822 122 32646	5,6NF 10% X7R	50V	2741	4822 124 80727	4.7UF 20%	25V
	2520	4822 124 41017	10UF	16V	2742	4822 122 33177	10NF 20% X7R	50V
	2521	4822 124 40177	47UF 20%	10V	2751	4822 124 23281	33UF 20%	16V
	2524	4822 122 33178	1NF 20% X7R	50V	2752	4822 122 33496	100NF 10%X7R	63V
	2525	4822 122 32916	220NF 10% X7R	63V	2801	5322 122 33869	15PF 5% NP0	63V
	2526	4822 124 41017	10UF	16V	2802	5322 122 33869	15PF 5% NP0	63V
	2527	4822 124 23282	1UF 20%	50V	2803	4822 122 33496	100NF 10%X7R	63V
	2535	4822 124 23282	1UF 20%	50V	2804	4822 122 33496	100NF 10%X7R	63V
	2536	4822 124 23282	1UF 20%	50V	2805	4822 122 33496	100NF 10%X7R	63V
	2537	4822 126 12106	220NF 5%		2806	4822 122 33496	100NF 10%X7R	63V
	2538	4822 126 12106	220NF 5%		2807	4822 122 33496	100NF 10%X7R	63V
	2540	4822 124 41017	10UF	16V	2808	4822 122 32566	3,9NF 10%X7R	63V
	2541	4822 124 41017	10UF	16V	2809	4822 122 32566	3,9NF 10%X7R	63V
	2542	4822 124 23282	1UF 20%	50V	2810	4822 122 32566	3,9NF 10%X7R	63V
	2551	4822 122 33496	100NF 10%X7R	63V	2811	4822 122 32566	3,9NF 10%X7R	63V
	2601	4822 124 23282	1UF 20%	50V	2812	4822 122 32566	3,9NF 10%X7R	63V
	2602	4822 122 33514	68PF 5% NP0	50V	2904	4822 124 23504	2.2UF 20%	50V
	2605	4822 122 33496	100NF 10%X7R	63V	2905	4822 122 33496	100NF 10% X7R	63V
	2606	4822 124 23281	33UF 20%	16V	2906	5322 122 32268	470PF 10%	50V
	2607	5322 122 32268	470PF 10%	50V	2907	4822 122 33342	33NF 10% X7R	63V
	2608	4822 122 33496	100NF 10% X7R	63V	2908	4822 122 33342	33NF 10% X7R	63V
	2610	4822 124 41017	10UF	16V	2909	4822 122 33178	1NF 20% X7R	50V
	2611	4822 124 23282	1UF 20%	50V	2910	4822 122 33178	1NF 20% X7R	50V
	2612	4822 122 33496	100NF 10%X7R	63V	2912	4822 122 33178	1NF 20% X7R	50V
	2613	4822 122 32916	220NF 10%X7R	63V	2913	5322 122 32965	18PF 5% NPO	
	2614	5322 122 32654	22NF 10%X7R	63V	2914	5322 122 32661	56PF 5%	50V
	2615	4822 122 33496	100NF 10%X7R	63V	2915	4822 124 41017	10UF	16V
	2616	5322 122 32268	470PF 10%	50V	2916	4822 122 33496	100NF 10% X7R	63V
	2617	5322 122 33538	150PF 2% NP0	63V	2917	4822 122 33496	100NF 10% X7R	63V
	2618	5322 122 31866	6,8NF 10% X7R	63V	2918	4822 122 33177	100NF 20% X7R	50V
	2619	5322 122 31866	6,8NF 10%X7R	63V	2919	4822 122 33177	10NF 20% X7R	50V
	2620	5322 122 31600	100PF 5% NP0	50V	2920	4822 122 33177	10NF 20% X7R	50V
	2621	5322 122 32531	100PF 5% NP0	50V	2921	4822 122 33178	1NF 20% X7R	50V
	2623	4822 122 33178	1NF 20% X7R	50V	2922	4822 122 33178		50V
		4822 122 33216	270PF 5% NP0	50V	2923	4822 122 32627		
	2626				2925		2.7NF 10% X7R	50V
	2662	4822 122 33178		50V		4822 122 32891	68NF 10% X7R	63V
	2665	4822 122 33178	1NF 20% X7R	50V	2926	4822 124 80264	1,5UF 20%	50V
	2701	4822 124 80724	47UF 20%	10V	DECIC	TORC		
	2702	4822 122 32916	220NF 10% X7R	63V	RESIS		4D70 FW	0.414/
	2706	4822 124 41097	220UF 20%	16V	3101	4822 051 20478	4R70 5%	0,1W
	2707	4822 122 33496	100NF 10% X7R	63V	3102	4822 051 20102	1K00 5%	0,1W
	2708	4822 124 80724	47UF 20%	10V	3103	4822 051 20221	220R005%	0,1W
	2710	4822 124 80724	47UF 20%	10V	3105	4822 100 11163	100K 30%LIN	0,1W
	2715	4822 124 23282	1UF 20%	50V	3106	4822 051 20478	4R70 5%	0,1W
	2718	4822 122 32566	3,9NF 10% X7R		3107	4822 051 20273	27K00 5%	0,1W
	2719	4822 122 32566	3,9NF 10% X7R	63V	3201	4822 051 20561	560R005%	0,1W
	2721	4822 124 80726	2.2UF 20%	50V	3202	4822 051 20471	470R005%	0,1W
	2722	4822 122 32566	3,9NF 10% X7R		3205	4822 051 20102	1K00 5%	0,1W
	2723	4822 122 32566	3,9NF 10% X7R		3206	4822 051 20102	1K00 5%	0,1W
_	2724	4822 122 32566	3,9NF 10% X7R		3207	4822 051 20153	15K00 5%	0,1W
ğ	2725	4822 122 32566	3,9NF 10% X7R	63V	3208	4822 051 20333	33K00 5%	0,1W
Ś	2726	4822 122 32566	3,9NF 10%X7R	63 V	3212	4822 051 20472	4K70 5%	0,1W
-								

PCS 70 988

DEDIC	TORC			DEOLO	7000	
	STORS 051 00100	101/00 50/	0.414/		STORS	414 0004 0 4144
3215			0,1W	3504	4822 100 11681	
3216	4822 051 20104		0,1W	3505	4822 051 20474	
3217	4822 051 20103		0,1W	3506	4822 051 20333	33K00 5% 0,1W
3218	4822 051 20103	10000 5%	0,1W	3507	4822 051 20563	56K00 5% 0,1W
3219	4822 051 20224	220K005%		3508	4822 051 20103	10K00 5% 0,1W
3230	4822 051 20224	220K005%	0,100	3509	4822 051 20332	3K30 5% 0,1W
3231	4822 051 20152	1K50 5%	0,1W	3511	4822 051 20473	47K00 5% 0,1W
3232	4822 051 20104	100K005%	0,100	3512	4822 051 20473	47K00 5% 0.1W
3240	4822 051 20472	4K70 5%	0,1W	3513	4822 051 20101	100R005% 0,1W
3241	4822 051 20102	1K00 5%	0,1W	3514	4822 100 11681	1K 30%0,1W
3242	4822 051 20229	22R00 5%	0,100	3515	4822 051 20474	470K005% 0,1W
3243	4822 051 20101	100H005%	0,100	3516	4822 051 20333	33K00 5% 0,1W
3244	4822 051 20102	1KUU 5%	0,100	3517	4822 051 20563	56K00 5% 0,1W
3251	4822 051 20103	10K00 5%	0,100	3518	4822 051 20103	10K00 5% 0,1W
3252	4822 051 20103	100R005% 1K00 5% 10K00 5% 10K00 5% 4K70 5% 1K00 5%	0,100	3519	4822 051 20332	3K30 5% 0,1W
3253	4822 051 20472	4K/U 5%	0,100	3520	4822 051 20101	100R005% 0,1W
3256	4822 051 20102	15K00 5%	0,100	3521	4822 051 20103	10K00 5% 0,1W
3301	4822 051 20153	15KUU 5%	0,1W 0,1W	3522	4822 051 20223	22K00 5% 0,1W
3302	4822 051 20153	15KUU 5%	0,100	3523	4822 051 20223	22K00 5% 0,1W
3308	4822 051 20103		0,1W	3524	4822 051 20104	100K005% 0,1W
3309	4822 051 20103		0,1W	3525	4822 051 20331	330R005% 0,1W
3310	4822 051 20223		0,1W	3526	4822 051 20101	100R005% 0,1W
3311	4822 051 20153		0,1W	3527	4822 051 20333	33K00 5% 0,1W
3314	4822 051 20103		0,1W	3540	4822 051 20223	22K00 5% 0,1W
3315	4822 051 20103		0,1W	3541	4822 051 20223	22K00 5% 0,1W
3316	4822 051 20223		0,1W	3548	4822 051 10183	18K00 2% 0,25W
3317	4822 051 20153		0,1W	3550	4822 051 20473	47K00 5% 0,1W
3351	4822 051 20103		0,1W	3552	4822 051 20183	18K00 5% 0,1W
3352	4822 051 20104		0,1W	3553	4822 051 20103	10K00 5% 0,1W
3353 3354	4822 051 20103		0,1W	3554	4822 051 20183	18K00 5% 0,1W
3355	4822 051 20102	1K00 5%	0,1W	3555	4822 051 20124	120K005% 0,1W
3401	4822 116 30426 4822 051 20683	4K7 3%	0,1W	3601	4822 051 20103	10K00 5% 0,1W
3402	4822 051 20223	68K00 5% 22K00 5% 2M20 5% 100K005%	0,177	3603	4822 051 20474	470K005% 0,1W
3403	4822 051 20225	22NUU 5%	0,177	3604 3605	4822 051 20154 4822 051 20304	150K005% 0,1W
3404	4822 051 20104	100600 576	0,177	3606	4822 051 20304	300K005% 0,1W
3405	4822 051 20334			3607		100K005% 0,1W
3406	4822 051 20334	220R005%		3608		82K00 5% 0,1W
3417	4822 051 20103	10K00 5%		3610	4822 100 12071 4822 051 20102	EVNDXAA03B25 1K00 5% 0,1W
3418	4822 051 20103	10K00 5%		3612	4822 051 20102	390R005% 0,1W
3419	4822 051 20103	10K00 5%		3613	4822 051 20473	47K00 5% 0,1W
3420	4822 051 20183	18K00 5%		3614	4822 051 20473	1K80 5% 0,1W
3421	4822 051 20393	39K00 5%		3615	4822 051 20123	12K00 5% 0,1W
3422	4822 051 20103	10K00 5%		3616	4822 051 20109	10R00 5% 0,1W
3423	4822 051 20103	10K00 5%		3617	4822 051 20473	47K00 5% 0,1W
3424	4822 051 20393	39K00 5%		3619	4822 051 20104	100K005% 0,1W
3425	4822 051 20393	39K00 5%		3621	4822 051 20273	27K00 5% 0,1W
3426	4822 100 12071	EVNDXAA0	•	3622	4822 051 20824	820K005% 0,1W
3430	4822 051 20393	39K00 5%		3623	4822 051 20273	27K00 5% 0,1W
3431	4822 051 20103	10K00 5%		3624	4822 051 20474	470K005% 0,1W
3432	4822 051 20103	10K00 5%		3625	4822 051 20273	27K00 5% 0,1W
3433	4822 051 20332		0,1W	3626	4822 051 20104	100K005% 0,1W
3434	4822 051 20332		0,1W	3627	4822 051 20104	2K20 5% 0,1W
3435	4822 051 20561	560R005%		3628	4822 051 20224	220K005% 0,1W
3436	4822 051 20332		0,1W	3629	4822 051 20472	4K70 5% 0,1W
3437	4822 051 20683	68K00 5%		3630	4822 100 11683	2K 30%LIN 0,2W
3438	4822 051 20103	10K00 5%		3631	4822 051 20563	56K00 5% 0,1W
3439	4822 051 20224	220K005%		3632	4822 051 20563	56K00 5% 0,1W
3501	4822 051 20473	47K00 5%		3635	4822 051 20225	2M20 5% 0,1W
3502	4822 051 20473	47K00 5%		3636	4822 051 20225	2M20 5% 0,1W
3503	4822 051 20101		0,1W	3638	4822 051 20103	10K00 5% 0,1W
						-,

	SISTORS			STORS	
3639		, ,	3811	4822 051 20153	15K00 5% 0,1W
364			3812	4822 051 20152	1K50 5% 0,1W
3642		,	3813	4822 051 20152	1K50 5% 0,1W
3660		4K70 5% 0,1W	3814	4822 051 20152	1K50 5% 0,1W
3672		5K60 5% 0,1W	3816	4822 051 20153	15K00 5% 0,1W
3673		5K60 5% 0,1W	3817	4822 051 20102	1K00 5% 0,1W
3674		4K70 5% 0,1W	3818	4822 051 20152	1K50 5% 0,1W
370		10K00 5% 0,1W	3819	4822 051 20153	15K00 5% 0,1W
3702		1K00 5% 0,1W	3820	4822 051 20103	10K00 5% 0,1W
3706		220K005% 0,1W	3821	4822 051 20562	,
3707		620E 5% 0,5W	3822	4822 051 20152	1K50 5% 0,1W
3708		620E 5% 0,5W		4822 051 20152	1K50 5% 0,1W
3709		620E 5% 0,5W		4822 051 20152	1K50 5% 0,1W
3710		10K00 5% 0,1W		4822 051 20102	1K00 5% 0,1W
3713 3714		2K20 5% 0,1W		4822 051 20152	1K50 5% 0,1W
		220K005% 0,1W		4822 051 20271	270R005% 0,1W
3715		220K005% 0,1W		4822 051 20271	270R005% 0,1W
3716 3717		10K00 5% 0,1W 100K005% 0,1W		4822 051 20271	270R005% 0,1W
3718				4822 051 20102	1K00 5% 0,1W
3719				4822 051 20102	1K00 5% 0,1W
3720		39K00 5% 0,1W 10K00 5% 0,1W	3903	4822 051 20478	4R70 5% 0,1W
3721		12K00 5% 0,1W		4822 051 20473	47K00 5% 0,1W
3722				4822 051 20222	2K20 5% 0,1W
3723		47K00 5% 0,1W		4822 051 20102	1K00 5% 0,1W
3724		100K005% 0,1W 47K00 5% 0,1W	3908 3909	4822 051 20224	220K005% 0,1W
3725		220K005% 0,1W	3910	4822 051 20102	1K00 5% 0,1W
3726		47K00 5% 0,1W	3911	4822 051 20102 4822 051 20473	1K00 5% 0,1W
3727		47K00 5% 0,1W	3912	4822 051 20473	47K00 5% 0,1W
3731		47K00 5% 0,1W	3913	4822 051 20224	
3732		10K00 5% 0,1W	3915	4822 051 20101	15K00 5% 0,1W 100R005% 0,1W
3733		47K00 5% 0,1W	3916	4822 051 20153	15K00 5% 0,1W
3734		15K00 5% 0,1W	3917	4822 051 20103	10K00 5% 0,1W
3736		100K005% 0,1W	3918	4822 051 20103	10K00 5% 0,1W
3737		47K00 5% 0,1W		4822 051 20153	15K00 5% 0,1W
3738		10K00 5% 0,1W	3920	4822 051 20153	15K00 5% 0,1W
3739		10K00 5% 0,1W	3921		15K00 5% 0,1W
3740		10K00 5% 0,1W	3922	4822 051 20153	15K00 5% 0,1W
3741		4001/00 For 0 1111	3923	4822 051 20102	1K00 5% 0,1W
3742		47K00 5% 0,1W	3924	4822 051 20153	15K00 5% 0,1W
3743	4822 051 20104	100K005% 0,1W	3925	4822 051 20822	8K20 5% 0,1W
3744	4822 051 20101	100R005% 0,1W	3927	4822 051 20225	2M20 5% 0,1W
3745	4822 051 20473	47K00 5% 0,1W	3928	4822 051 20822	8K20 5% 0,1W
3746		100K005% 0,1W	3929	4822 051 20221	220R005% 0,1W
3751		1K00 5% 0,1W	3930	4822 051 20103	10K00 5% 0,1W
3752		4K70 5% 0,1W	3931	4822 051 20102	1K00 5% 0,1W
3753		620E 5% 0,5W	3932	4822 051 20153	15K00 5% 0,1W
3754		620E 5% 0,5W	3933		15K00 5% 0,1W
3755		10K00 5% 0,1W	3934		1K00 5% 0,1W
3756		100K005% 0,1W	3935	4822 051 20102	1K00 5% 0,1W
3757		100K005% 0,1W	3936		10K00 5% 0,1W
3801		10K 20% NTC	3937		10K00 5% 0,1W
3802		2K20 5% 0,1W	3938		15K00 5% 0,1W
3803		10K00 5% 0,1W	3939		180R005% 0,1W
3804		10K00 5% 0,1W	3951		15K00 5% 0,1W
3805		10K00 5% 0,1W	3958	4822 051 20102	1K00 5% 0,1W
3806		10K00 5% 0,1W			
3807		10K00 5% 0,1W	JUMPE	:HS	
3808		15K00 5% 0,1W	4101	1000 051 0000	amaa
3809 3810		15K00 5% 0,1W 15K00 5% 0,1W	4009	4822 051 20008	0R00 JUMP(0805)
3010	7044 001 40103	13NUU 3% U,1W	4908		

COILS	;		TRAN	ISISTORS AND IC'	e
5201	4822 152 20678	33UH	7201	4822 209 72247	
5202	4822 152 20677	33UH 10MUH 10MUH 33UH 68UH 1 MH 28MUH ADJ.IND. 3U3	7210	4822 130 42705	
5203	4822 152 20677	10MUH	7211	4822 130 61233	BC857
5205	4822 152 20678	33UH	7212	4822 130 42132	
5206	4822 152 20679	68UH	7222	4822 130 60686	BF513
5207	4822 157 50975	1 MH	7223	4822 130 42705	
5210	4822 152 20683	28MUH ADJUND	7230	4822 130 42703	BC847
5211	4822 157 53575	3113	7251	4822 209 30858	2SK507F
5212	4822 157 70518	38MH	7252		TSA6057/C1
5227	4822 152 20679	68LIH	7301	4822 130 42705 4822 209 31129	BC847
5228	4822 152 20682	6 15 IH	7301	4822 209 83163	TDA7313
5231	4822 157 50975	1 MH	7351	4822 209 31132	LM833N
5232	4822 152 20677	10MTH	7352	4822 209 31132	TDA7374V
5251	4822 157 50975	1 MH	7401		
5252	4822 152 20678	3311H	7401	4822 209 83159	LA2000
5402	4822 157 50975	1 ML		4822 209 31644	TDA7330
5701	4822 157 53669	3U3 38MH 68UH 6.15UH 1 MH 10MUH 1 MH 33UH 1 MH FILTER ASSY	7419	4822 130 42705	BC847
5802	4822 242 81591	OLIA D7 9 00MU7	7420	4822 209 32742	TL074IN
5905	4822 152 20677	QUARZ 8.00MHZ	7501	4822 209 32775	BA3430S
5906	4822 152 20677	10MU	7502	4822 130 42705	BC847
5909	4822 152 20677	1000	7535	4822 209 62772	HA12135A
5910	4822 152 20677	10MUH	7551	4822 130 42705	BC847
3310	4022 132 20077	TOMOR	7601	4822 209 30859	TDA1591/V3
DIODS			7602	4822 130 42705	BC847
6211	4822 130 81196	QUARZ 8.00MHZ 10MUH 10MUH 10MUH S5566B BBY40 BAV99 1N4148 BAV99 BAV99 1N4148 BZX79-C3V3 1N4148 1N4148 1N4148 1N4148	7603	4822 130 42705	BC847
6221	5322 130 80119	33300D	7604	4822 130 42705	BC847
6230	5322 130 80119	BAVOO	7605	4822 130 42705	BC847
6301	4822 130 30621	104140	7606	4822 130 42705	BC847
6420	5322 130 34337	PAV00	7609	4822 130 42705	BC847
6430	5322 130 34337	DAV99	7701	4822 209 32687	TDA3602/N2
6551	4822 130 30621	1N4140	7703	4822 130 42705	BC847
6552	5322 130 31504	P7V70 C2V2	7704	4822 130 42705	BC847
6601	4822 130 30621	18/11/19	7705	4822 130 42705	BC847
6602	4822 130 30621	1114140	7706	4822 130 61233	BC857
6704	4822 130 30621	1114140	7711	4822 130 61233	BC857
6705	4822 130 80751	1S1885 A	7712	4822 130 42705	BC847
6706	4822 130 80751	1S1885 A	7714	4822 130 40995	BD438
6712	5322 130 34331	BAV70	7715	4822 130 61233	
6713	4822 130 31983	BAT85	7716	4822 130 61233	
6714		1N4148	7717	4822 130 42705	BC847
6715	4822 130 30621	1N4148	7718	4822 130 42705	BC847
6716	4822 130 80954	BZV55-C5V6	7719	4822 130 42705	BC847
6719	5322 130 34331	BAV70	7721	4822 130 61233	BC857
6805	4822 130 82741	SLP144B-51	7801	4822 209 32776	ST62T80
6871	4822 130 83074	BZV87	7803	4822 130 42705	
6901	4822 130 80954	BZV55-C5V6	7901	5322 209 11836	HEF4557
6902	4822 130 80954	BZV55-C5V6	7902	4822 130 42705	
6903	4822 130 80954		7911	4822 209 32809	
6904	4822 130 30621	BZV55-C5V6	7913	4822 130 42705	BC847
6905		1N4148 BZV55 C5V6	7914	4822 130 42705	BC847
6907	4822 130 80954 4822 130 83493	BZV55-C5V6	7924	4822 130 42705	BC847
5507	7022 13U 03433	BZV55-C10	7925	4822 130 42705	BC847
			7926	4822 130 42705	BC847
			7927	4822 130 42705	BC847